

# Non-programmatic Savings

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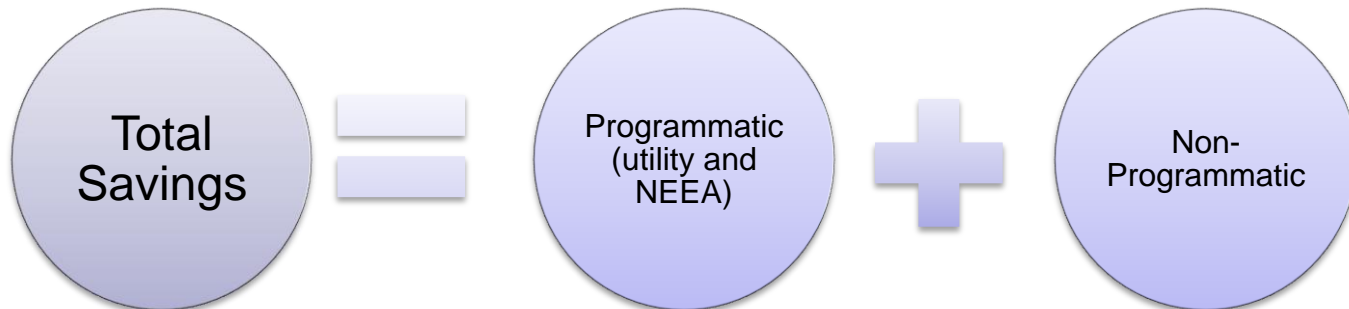


# Overview

- What are non-programmatic savings
- Sources of non-programmatic savings
- Estimating the savings

# Non-programmatic Savings

- Non-programmatic savings are reductions in utility load that are not paid/tracked/reported through utility or NEEA market transformation programs



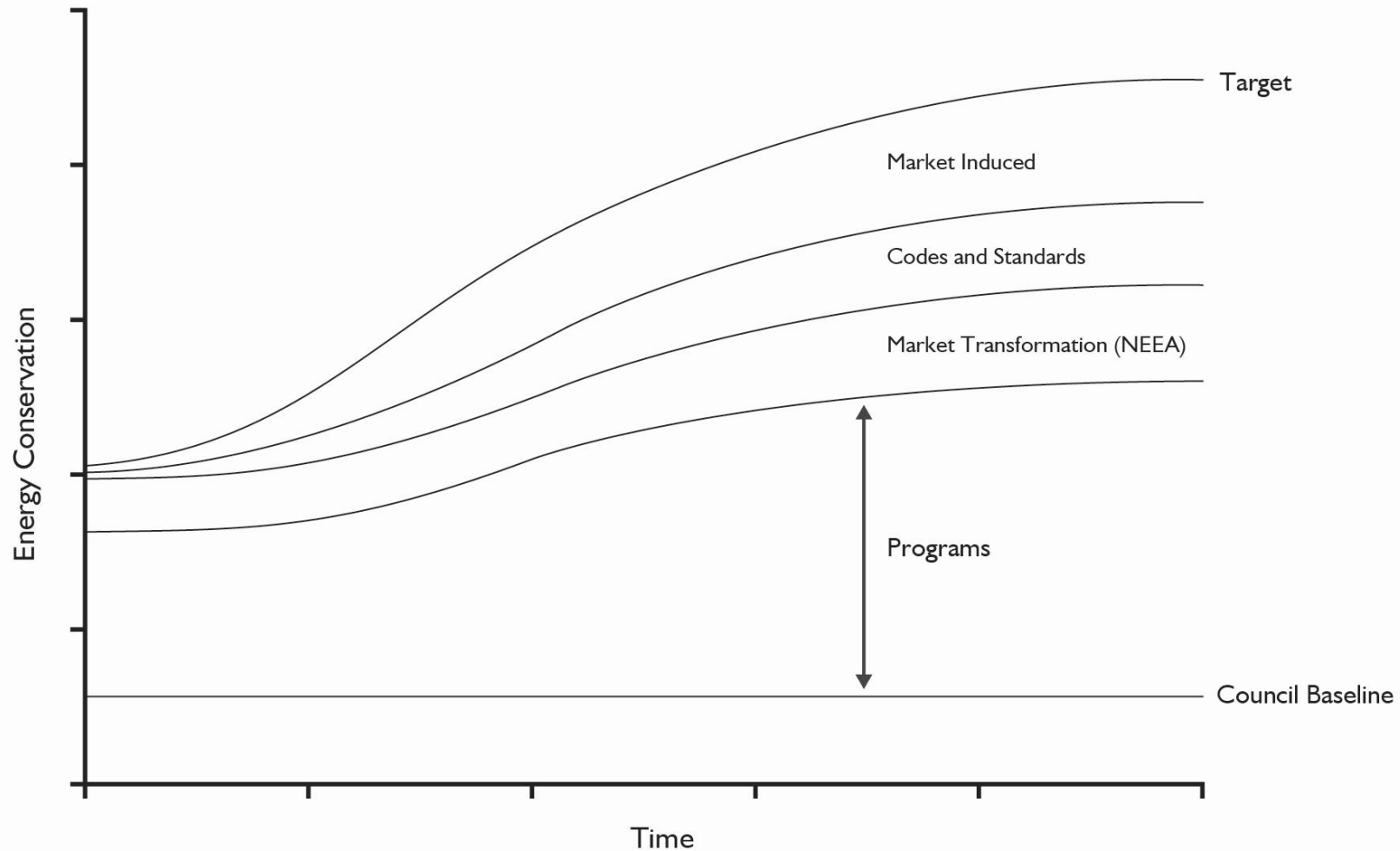
## 5<sup>th</sup> Plan period savings

- BPA booked 46.4 aMW of savings from non-programmatic sources during the 5<sup>th</sup> plan period
  - CFLs: 26 aMW
  - Clothes washers: 7.4 aMW
  - Non-residential lighting: 13 aMW

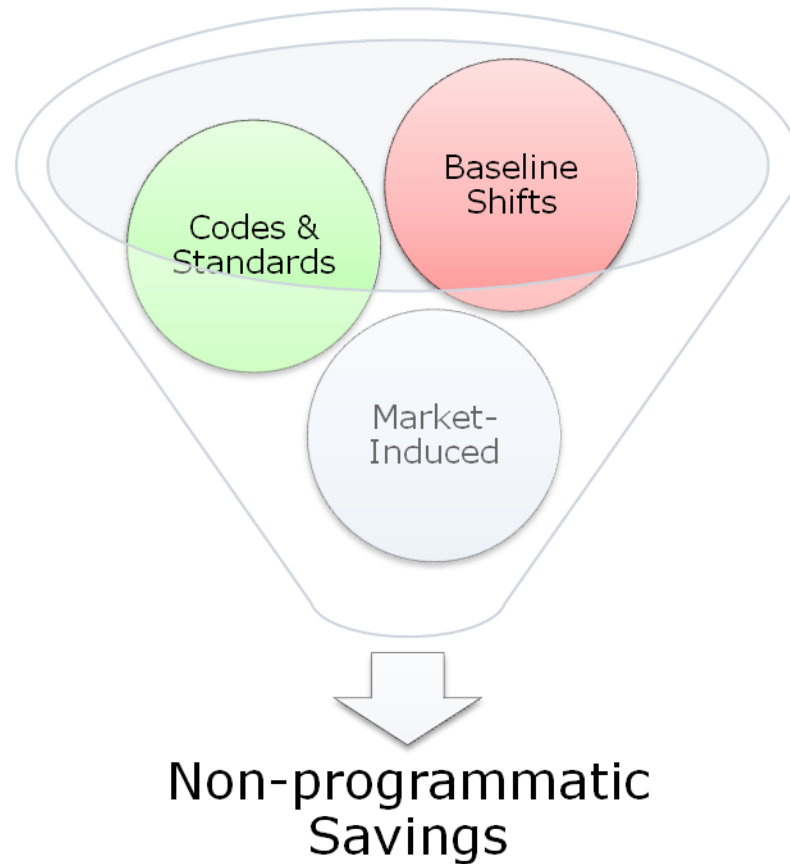
# All energy efficiency is a resource

- Northwest Power and Conservation Council's Regional Sixth Power Plan
  - Treats energy efficiency as a power resource
  - Penetration rate includes all cost-effective and achievable conservation
    - Agnostic to the source of savings

# Counting all Energy Efficiency



# Sources of non-programmatic savings



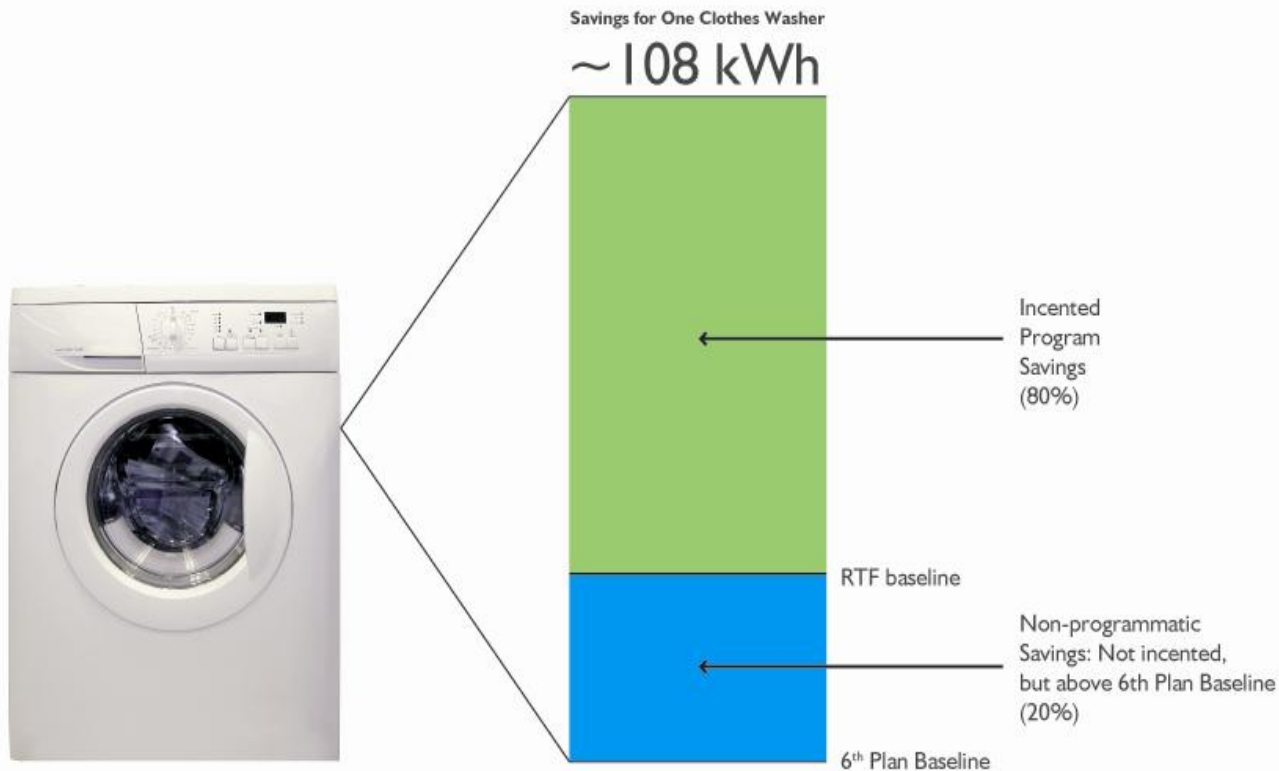
# Baseline shifts

## ■ RTF Baseline

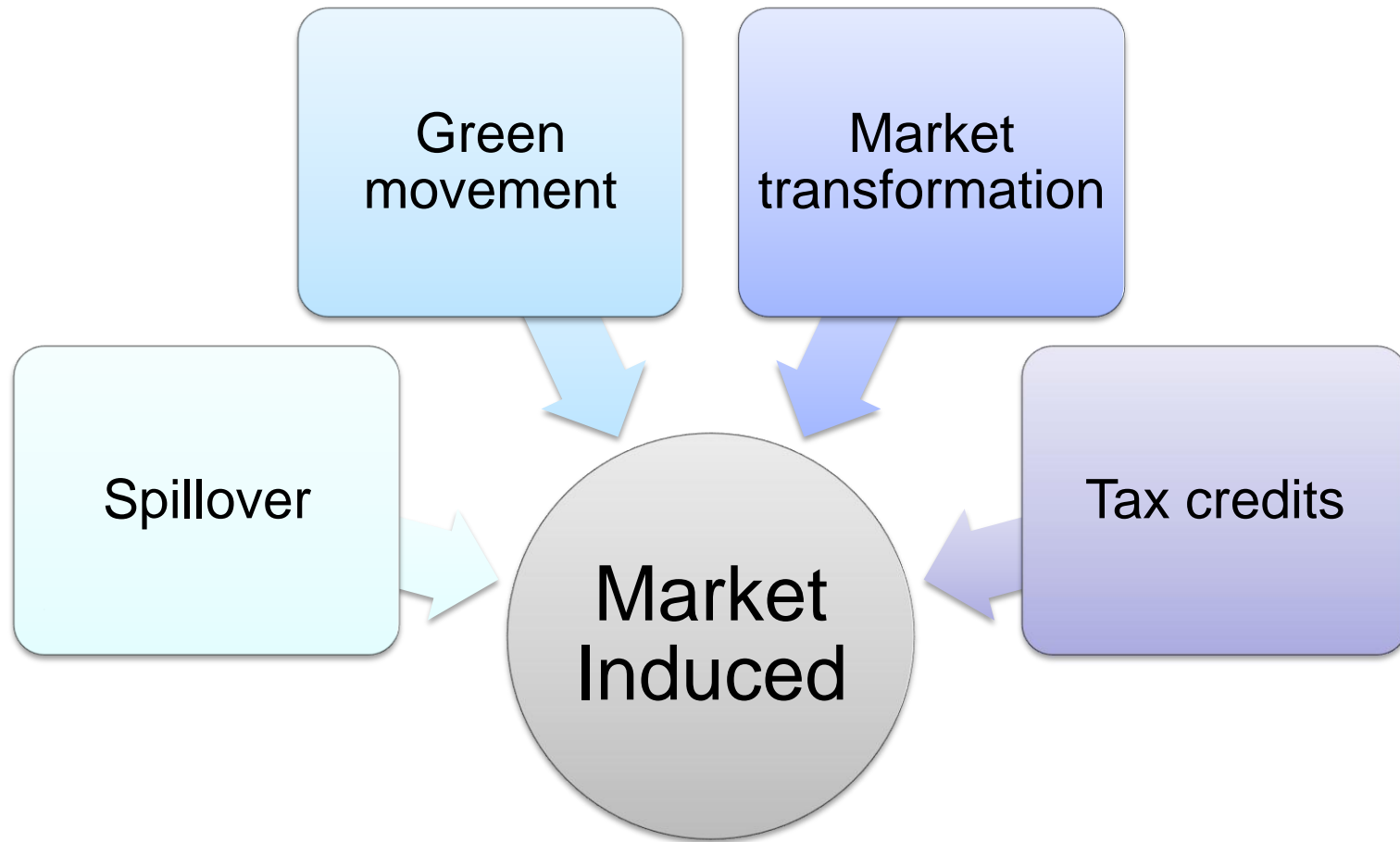
- Baseline adopted by RTF during the planning period that differ from the Power Plan.
- Clothes washers example
  - 6<sup>th</sup> Plan baseline: 1.66 MEF
  - RTF baseline: 1.94 MEF



# Clothes Washer Example



# Market-Induced Savings



# Estimating Market Induced Savings

- To estimate market-induced savings, need to know how the market has changed and compare against savings booked
- Total market can be estimated from sales data or site visits

# Example

- Number of units from sales data:
  - Total market: 1 million low-flow showerheads installed in region
  - Programs claim: 750,000 showerheads
  - Non-programmatic: 250,000 showerheads
- Non-programmatic savings:  
250,000 \* savings per showerhead

# Codes and Standards

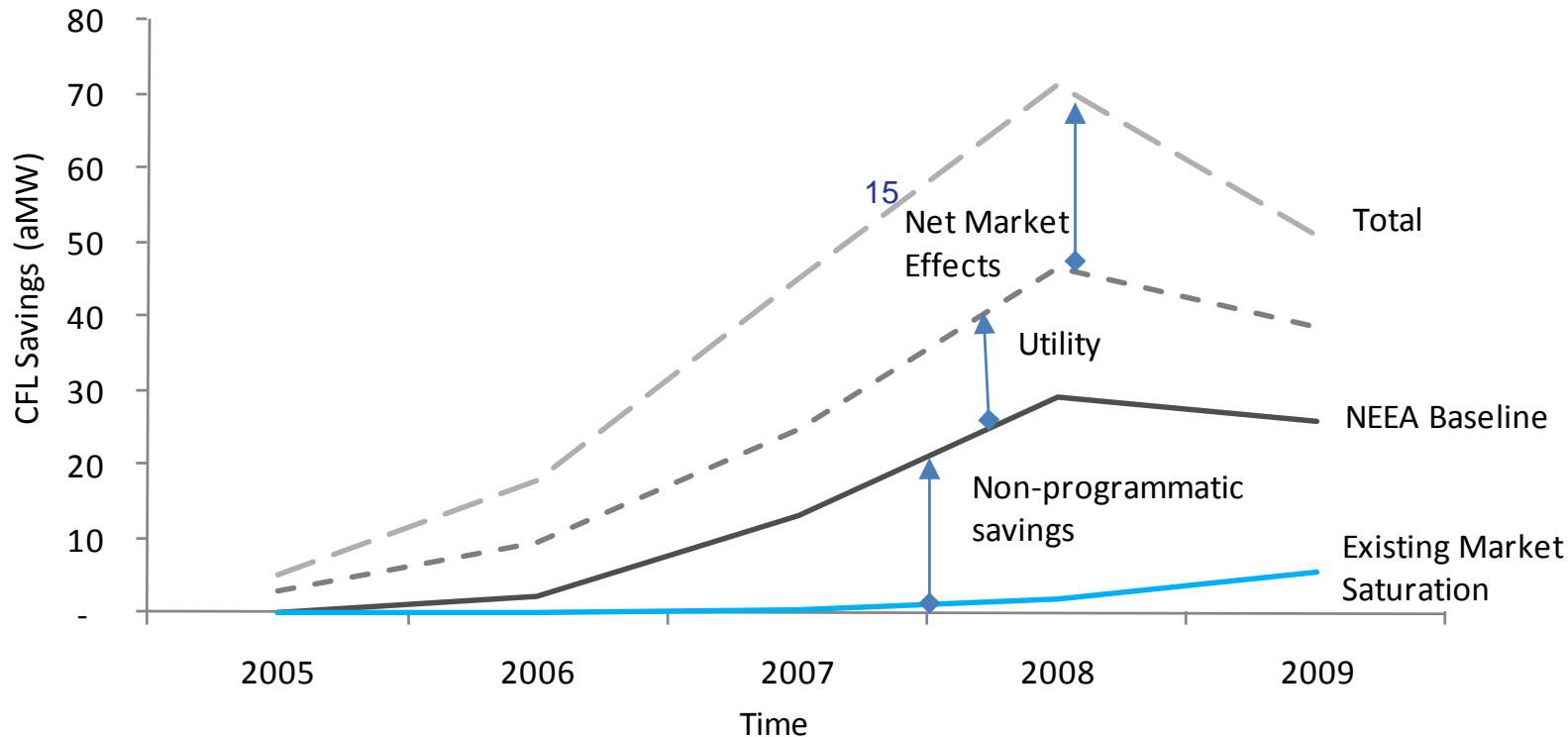
- New codes or standards adopted since the formation of the Power Plan baseline
  - For I-937, covers the biennium
- Savings are relatively small in short-term
  - Large impacts for the potential of future power plans

# Tracking of units

- For measures being tracked by NEEA, use NEEA data
- For the rest, determine total saturation:
  - Collect sales data (Point of Sales or Shipment data) annually
  - RBSA/CBSA in pre and post periods
    - Post-RBSA might be phone call

# NEEA-tracked measures

- NEEA net market effects not calculated against 6<sup>th</sup> Plan baseline
- NEEA began reporting savings against the 6<sup>th</sup> Plan and 5<sup>th</sup> Plan baselines, including tracking of NPS and net market effects.



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